(19) World Intellectual Property **Organization**

International Bureau



(43) International Publication Date 7 April 2005 (07.04.2005)

(10) International Publication Number WO 2005/032100 A1

(51) International Patent Classification7:

H04L 29/06

(21) International Application Number:

PCT/SE2003/001518

(22) International Filing Date:

30 September 2003 (30.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

- (71) Applicant (for all designated States except US): TELE-FONAKTIEBOLAGET LM ERICSSON [SE/SE]; S-164 83 Stockholm (SE).
- (72) Inventors; and
- Inventors/Applicants (for US only): BLAZQUEZ, Avelina [ES/ES]; C/ Sombrerete, nr.5-2a 3a, E-28012 Madrid (ES). CARRETERO-GOMEZ, Miguel [ES/ES]; C/Musicos 28, 1a, E-28760 Tres Cantos (ES). WALKER, John Michael [GB/ES]; C/Juan-Martin-El-Empecinado, E-28045 Madrid (ES). MONJAS-LLORENTE, Miguel-Angel [ES/ES]; C/Embajadores, 177 esc. F, 4 D, E-28045 Madrid (ES). DE GREGORIO-RODRIGUEZ, Jesus-Angel [ES/ES]; C/ Hermanos Mahado, nr. 4 P3 2, 28660 Boadilla del Monte-Madrid (ES).

- (74) Agents: KAJSA, Boestad et al.; c/o Ericsson AB, Patent Unit Core Networks Kista, S-164 80 Stockholm (SE).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MEANS AND METHOD FOR GENERATING A UNIQUE USER'S IDENTITY FOR USE BETWEEN DIFFERENT **DOMAINS**

(57) Abstract: Mobile operators presently offer services on behalf of service providers where such services are really carried out for the users. Mobile operators act as identity providers in this scenario, wherein service provider and identity provider share a unique identity to identify each particular user accessing a number of services. As the number of users accessing these services, and the number of services offered from different service providers increase, the storage required at the operator's network for such amount of user's identities becomes a problem. To overcome this and other problems, the present invention provides an identity Generator device arranged to generate a user's service indicator to identify the user between the service provider and the identity provider, the user's service indicator comprising a master user's identifier for identification of the user at the identity provider, and a service identifier indicating the services to be accessed at a given service provider.